



# PALLAS

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MAINTENANCE & CLEANING

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# UPHOLSTERY MAINTENANCE AND CLEANING INFORMATION

## UPHOLSTERY

Proper maintenance of upholstery fabrics permits less frequent cleaning. Maintenance is routine, ongoing care that reduces the build-up of soil on the fabric's surface and treats spots and stains. Vacuuming with a proper upholstery attachment should be done regularly and thoroughly to remove air-borne dust and lint. Promptly treat spots and stains. Cleaning periodically removes accumulated grime, helping retain a fabric's original appearance as much as possible. Loose cushions should be turned and rotated to equalize wear and soiling levels. Protective arm covers and head rests should be cleaned to minimize difference between the appearance of these items and that of other exposed areas.

Cleaning codes apply to the outercovering fabric only. It is important that the fabric not be over wet to avoid contact with filling materials.

- W** Clean only with water-based shampoo or foam upholstery cleaner. Do not over wet. Do not use dry cleaning solvents to spot clean. Pile fabrics may require brushing to restore appearance. Cushion covers should not be removed and laundered.
  
- S** Clean only with dry cleaning solvent. Do not saturate. Do not use water. Pile fabrics may require brushing to restore appearance. Cushion covers should not be removed and dry cleaned.
  
- WS** Clean with mild detergent or shampoo, foam or dry cleaning solvent as desired. Do not saturate with liquid. Pile fabrics may require brushing to restore appearance. Cushion covers should not be removed and dry cleaned or laundered.
  
- X** Do not clean with either water or solvent-based cleaner. Use vacuuming or light brushing only.

Water based cleaning agents\* are often classified as upholstery shampoo. They are usually commercially available as foams, concentrates and dry components.

Cleaning can be either wet or dry, though some suggest a third category, damp.

Wet cleaning equipment using water is classified into two broad types:  
Rotary or hand-applied shampoo  
Water extraction (sometimes inaccurately referred to as a steam cleaning)

Two of the damp processes with water are:  
Dry foam  
Rotary mop (bonnet)

Dry systems use a granule or powder that incorporates a cleaning solvent or a non-water chemical solvent, which allows soil to be removed by subsequent vacuuming.

Pre-test your cleaning method on an inconspicuous area of the fabric to determine if color bleeds, shrinks the fabric texture or alters the character. If there is any doubt, seek the assistance of a professional cleaning service.

\* Examples include *Glamorene, Glory, Blue Lustre and Woolite.*

# UPHOLSTERY MAINTENANCE AND CLEANING INFORMATION

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## YARNS

### BELLA DURA

Bella-Dura fabrics are inherently stain resistant, so a mild soap and water solution is all that is needed to remove most stains. Any cleaning product that can be used on indoor/outdoor fabrics is safe to use on Bella-Dura® as well as bleach for tough stains. Always rinse with clean water and allow to air dry. Take care when mixing cleaners with bleach and work in a well ventilated area. Bella-Dura® fabrics are woven with fibers that dry easily; Bella-Dura® fabrics should always be air-dried and never tumble-dried.

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### PILE/CHENILLE

Regular care (weekly)

- Vacuum regularly using low suction
- Rotate reversible cushions regularly
- Protect from direct sunlight

Pilling can occur occasionally as a result of normal daily wear and should not be considered as a fault. Fibre pills can be removed by a battery operated pilling tool available from most haberdashery stores.

# UPHOLSTERY MAINTENANCE AND CLEANING INFORMATION

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## POLYURETHANE

Regular Cleaning and Maintenance (Dirt, Dust, Grime): Clean the soiled area with mild soap and water, then immediately rinse the surface with fresh water and wipe dry with a clean cloth.

Food Stains/Oils (Ketchup, Chocolate, Coffee, Tea, Juice): Wipe affected area with a soft cloth or sponge, then follow the regular cleaning and maintenance above.

Healthcare Disinfecting: Clean the area with the CDC-approved 10:1 water and household bleach mixture. Then, immediately rinse the disinfected area with fresh water and wipe dry with a clean cloth.

Healthcare Stains (Blood, Urine, Betadine, Disinfectant): Clean the soiled area with a 20% (5:1) solution of water and household bleach. Then, immediately rinse the cleaned area with fresh water and wipe dry with a clean cloth.

Healthcare Wipes: Juggernaut, Nappa and Stipple are all approved for all healthcare wipes. Water rinse is still mandated for the patient's well-being as well as the longevity of the furniture. Juggernaut is also resistant to quaternary, phenol and ammonia-based chemical cleaners; extensive internal testing shows that Juggernaut stands up to many of these common cleaners and disinfectants.

Difficult Stains (Eye Shadow/Mascara, Lipstick, Crayon, Grease, Mustard):

Option 1: Clean the soiled area with a 20% (5:1) solution of water and household bleach. Then, immediately rinse the cleaned area with fresh water and wipe dry with a clean cloth.

Option 2: Clean the soiled area with a 50% solution of isopropyl alcohol (rubbing alcohol). Then, immediately rinse the cleaned area with fresh water and wipe dry with a clean cloth.

Ink Stains (Ballpoint Pen, Permanent Marker, Paint): Rub the marked area with undiluted isopropyl alcohol (rubbing alcohol). Then, immediately rinse the cleaned area with fresh water promptly after applying the alcohol. NOTE: It is not guaranteed that ink stains can be removed. To achieve best results, it is recommended to clean the stain immediately.

NOTE: If water or cleaning agent is left to sit on this material, it may leave a white residue/stain. It is important to rinse and wipe the material dry immediately after cleaning.

To achieve the best results in all cases, it is recommended that the stain be cleaned immediately.

The information in this polyurethane cleaning guide refers to performance in specific tests under laboratory conditions. This information is not a guarantee and does not relieve the user from the responsibility of the proper and safe use of the product and referenced cleaning agents.

# UPHOLSTERY MAINTENANCE AND CLEANING INFORMATION

## VINYL VS. POLYURETHANE

	VINYL (POLYVINYL CHLORIDE)	POLYURETHANE
<b>CONTENT</b>	Synthetic Plastic Polymer	PVC-free, more environmentally friendly
<b>MARKET</b>	Commonly used across multiple market applications; healthcare is primary marketplace for vinyl due to cleaning requirements*	Commonly used across multiple market applications
<b>WEIGHT</b>	28-30 oz./linear yard	14-20 oz./linear yard
<b>PLIABILITY</b>	Stiffer hand	Softer and more supple hand
<b>UPHOLSTERABILITY</b>	Minimal stretch creates greater difficulty with the upholstery process	Higher degree of stretch and recovery allows for a greater range of upholstery application
<b>RESISTANCE</b>	Inherent stain and moisture resistance	Inherent stain and moisture resistance
<b>HYDROLYSIS</b> <small>(process in which humidity and heat deteriorate the cell structure of the material, resulting in a flaky or brittle surface)</small>	Resistant – vinyl cannot hydrolysize	Accelerated hydrolysis process when subjected to ongoing use of hard surface cleaners

\*All materials, if exposed to hard surface cleaners, will break down at a more accelerated rate than if maintained using the proper cleaning instructions. If healthcare institutions regularly use hard surface cleaners, it's recommended to select a vinyl material based on a historical understanding that vinyl does not break down at the same rate as a polyurethane material. The textile industry continues to recommend the following general cleaning guidelines:

- General Cleaning
  - Water Wipe
  - Soap & Water with Rinse
- Disinfecting
  - 10:1 Water/Bleach Mix with a Clean Water Rinse (Recommended by the CDC)

# UPHOLSTERY MAINTENANCE AND CLEANING INFORMATION

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## CUBICLES

Regular Maintenance: Machine wash with mild soap or detergent, on a synthetic setting with high water levels and mild agitation, temperature should not exceed 160°F. Do not use bleach or fabric softener. Wash with like materials. Extract gently.

Air, Cabinet, or tumble dry on a synthetic cycle at a low temperature. Do not exceed 140°F for more than 3-5 minutes. Hang or fold immediately after drying.

If necessary, press as follows: Hand Iron: Iron at low setting (275°F) with a damp press cloth or steam iron with a dry press cloth. Grid Head Press: Press for short intervals and with minimum steam. Do not lock head. Flat Bed Press: Press dampened drapery using a cloth covering.

Avoid prolonged contact with heat.

Healthcare facilities should follow safety protocols for biological hazards and/or anti-viral treatments during the cleaning process.

# UPHOLSTERY MAINTENANCE AND CLEANING INFORMATION

## FINISH-SPECIFIC CLEANING

### CRYPTONS

To safely clean Crypton fabric, follow the manufacturer's recommended instructions. As with all cleaners, the fabric must be rinsed thoroughly.

For some specific healthcare concerns, such as C Difficile, a spore that requires bleach cleaning, the CDC (Center for Disease Control) instructions require a 10 percent bleach, 90 percent water mixture to effectively kill the growth. Any 100% polyester Crypton will safely withstand such cleaning, and there will not be any color loss after allowing the mixture to remain on the surface for the required 10-minute dwell time. Simply rinse the solution after cleaning using standard extraction equipment. Bleach cleaning, or bleach accidents will never affect the Crypton barrier, but some fibers that are cellulosic like rayon can encounter color loss quickly when they come into contact with bleach. <http://www.cryptoncare.com/bleachcleanable>.

### PINNACLE

For ordinary dirt and spills, clean by blotting spills up using a clean cotton cloth. For heavier stains, the standard cleaning protocol should be applied using water or light solvents such as soap, taking extra care to make sure the solvent is removed from the textile.

### RESILIENCE

Resilience<sup>SR</sup> represents the latest technology in faux leather and vinyl protection, enhancing performance where it is needed the most.

Prompt cleaning is always recommended. Recommended cleaning steps are listed by type of stain. For best results, follow cleaning steps in order.

#### Recommended Care and Cleaning Steps

Step 1: Mild soap and water, then rinse with fresh water and wipe dry with a clean cloth.

Step 2: Wipe affected area with a soft cloth or soft bristle brush then continue with step 1.

Step 3: 10% solution of household bleach and water. Rinse with fresh water and wipe dry.

Step 4: 25% solution of alcohol and water. Rinse with fresh water and wipe dry.

Step 5: 25% solution of lighter fluid or nail polish remover and water. Rinse with fresh water and wipe dry.

<b>REGULAR CLEANING AND MAINTENANCE: STEP 1</b> Dirt Dust Grime	<b>HEALTHCARE: STEPS 1, 2 AND 3</b> Betadine Blood Urine
<b>OILS (ORGANIC &amp; PETROLEUM BASED): STEPS 1 AND 2</b> Chocolate Coffee Juice Ketchup Tea	<b>DIFFICULT STAINS: STEPS 1, 2, 3, 4 AND 5</b> Crayon Eye Shadow/Mascara Grease Ink/Permanent Marker Lipstick Mustard Pain

Note: The use of commercial vinyl conditioners and protectants is NOT RECOMMENDED.

The information in this cleaning guide refers to performance of Resilience<sup>SM</sup> in tests conducted under laboratory conditions. This information does not imply a specific guarantee and does not relieve the user from the responsibility of the proper and safe use of the product and referenced cleaning agents.

### STA-KLEEN

**DAY-TO-DAY CLEANING:** Remove ordinary dirt and smudges with mild soap and water. Dry with a soft, lint-free cloth or towel. The use of conditioners or protectants is not required, nor recommended, for use on Sta-Kleen upholstery -- its cleanability is permanent and won't wear out.

**DISINFECTING:** A 5:1 ratio of water to bleach solution may be used as a disinfectant. Rinse the surface with clean water after disinfecting. Dry with a soft, lint-free cloth or towel.

**STAIN REMOVAL:** Upholstery protected with Sta-Kleen is resistant to most common stains. To keep your furniture looking new, stains such as ballpoint pen can be dry-erased with a clean, lint-free cloth. Gently rub the area until the stain has been removed. Wet or gooey stains such as food stains (e.g., ketchup) or topical stains (e.g., antiseptics, lotions and creams) should first be wiped off with a clean cloth or sponge, then follow the instructions above.

**STUBBORN STAINS:** If a ghost stain remains, apply a small amount of household rubbing alcohol (91% isopropyl alcohol) to a clean, lint-free cloth and rub the stain until it has been removed. Rinse with a clean, damp cloth and go!

**CHEMICAL CLEANERS:** High-performance construction creates significantly greater resistance to chemical cleaners, hence is approved for all common healthcare wipes. It is imperative that when these chemical cleaners are used that they are rinsed off with a wet sponge or damp cloth.



# UPHOLSTERY CLEANING CODES (BY PATTERN)

UPHOLSTERY	CLEANING CODE	UPHOLSTERY	CLEANING CODE	UPHOLSTERY	CLEANING CODE
ABSTRACT CHEVRON	WS	GROOVE	WS	SANDSTONE	WS
ADELE	WS	GROUND BREAKING	W	SEEKING TRUTH	WS
ALGORITHM	WS	H2O	S	SHEEPISH	S
ALLURE	S	HALFTONE	S	SHERLOCK	WS
AMARI	W	HAND-WOVEN	WS	SOLID FOOTING	WS
APHRODITE	WS	HERITAGE	W	SPONTANEOUS	WS
ARJUNA	WS	HIGHWAY PATROL	WS	SPOT ON	WS
ARTEMIS	WS	HITCH	WS	SPUN	WS
ASHA	W	HOLY COW	W	STAMPED OUT	WS
ATHALIE	WS	HOLY COW TOO	W	STEREO STRIPE	WS
AURORA	W	HYPERION	WS	STIPPLE	WS
AWE	S	ICON	S	SUJI STRIPE	WS
BASALTES	WS	INFINITE HELIX	W	SURFACE	WS
BEDFORD	S	INLAY	S	TABOO	S
BEVEL	S	INTERLACE	WS	TARTAN	WS
BONNAROO	W	JET SET	WS	TATAMI	WS
BOULEVARD	WS	JUGGERNAUT	WS	TERRA	WS
BOUNCE	WS	KWAART	W	THE BURBS	S
BUSY BEE	WS	LACED UP	S	THREADS	WS
CARMIN	WS	LE FLEUR	W	TOP COLOR	WS
CELL THEORY	S	LINE	WS	TRELLIS	W
CHAKRA	W	MAJOLICA	W	TULIPS	W
CHIC	WS	MARBLES	WS	TURTLE NECK	WS
CHITRA	S	MARRAKESH EXPRESS	S	TWINE	WS
CHROMA	W	MELODY MAKER	WS	UNRAVELED	W
COCO	S	MILANO	WS	UNSPUN	W
COMPOSITION	S	MODERN BLAZE	S	URBANIZED	S
CURVE	W	MOSAIC	S	VESPA	S
CYBELE	WS	NAPPA	WS	WEST BENGAL	S
DECKED OUT	WS	NIGHT CAP	WS	WHIM	WS
DEEPLY ROOTED	WS	OFF TRACK	W	WONDER WHEEL	S
DEFLECT	WS	ON THE FRINGE	W	WORK HORSE	WS
DÉJÀ VU	WS	OOH LA LANA	WS		
DEMETER	WS	PAINTED STRIPE	S		
DONEGAL PLAIN	S	PATAGONIA	S		
DOT DOT DOT	WS	PATINA	W		
FLAME	S	PERCEPTION	S		
FLEXING MUSCLES	W	PETALS	S		
FORMULA	W	PHENOMENA	S		
FORTUNE TELLER	S	PING PONG	WS		
FRACTURE	W	POINT	WS		
FRENCH CREPE	WS	POLKA DOTTY	WS		
FRIENDSHIP BRACELET	WS	POPCORN	WS		
FRIEZE	WS	POSH	WS		
GATHER	WS	PROMENADE	W		
GENE POOL	WS	RAVENNA	WS		
GLAM	WS	REEL TO REEL	WS		
GLITZ	WS	REVERB	WS		
GRAPH	WS	ROOFTOPS	WS		
GRID	WS	ROUND	WS		
GRILL CLOTH	WS	RUNNING STITCH	W		

# UPHOLSTERY CLEANING CODES (BY CODE)

UPHOLSTERY	CLEANING CODE	UPHOLSTERY	CLEANING CODE	UPHOLSTERY	CLEANING CODE
ALLURE	S	HOLY COW TOO	W	JET SET	WS
AWE	S	INFINITE HELIX	W	JUGGERNAUT	WS
BEDFORD	S	KWAART	W	MARBLES	WS
BEVEL	S	LE FLEUR	W	MELODY MAKER	WS
CELL THEORY	S	MAJOLICA	W	MILANO	WS
CHITRA	S	OFF TRACK	W	NAPPA	WS
COMPOSITION	S	ON THE FRINGE	W	NIGHT CAP	WS
COCO	S	PATINA	W	PAINTED STRIPE	WS
CURVE	S	PROMENADE	W	PING PONG	WS
DONEGAL PLAIN	S	REGALIA	W	POINT	WS
FLAME	S	RUNNING STITCH	W	POLKA DOTTY	WS
FORTUNE TELLER	S	TULIPS	W	POPCORN	WS
GENE POOL	S	UNRAVELED	W	POSH	WS
INLAY	S	UNSPUN	W	RAVENNA	WS
H2O	S			REEL TO REEL	WS
HALFTONE	S	<b>UPHOLSTERY</b>	<b>CLEANING CODE</b>	REVERB	WS
HIGHWAY PATROL	S	ABSTRACT CHEVRON	WS	ROOFTOPS	WS
ICON	S	ADELE	WS	ROUND	WS
LACED UP	S	ALGORITHM	WS	SANDSTONE	WS
MARRAKESH EXPRESS	S	APHRODITE	WS	SEEKING TRUTH	WS
MODERN BLAZE	S	ARJUNA	WS	SOLID FOOTING	WS
MOSAIC	S	ARTEMIS	WS	SPONTANEOUS	WS
OOH LA LANA	S	ATHALIE	WS	SPOT ON	WS
PATAGONIA	S	BASALTES	WS	SPUN	WS
PERCEPTION	S	BOULEVARD	WS	STAMPED OUT	WS
PETALS	S	BOUNCE	WS	STEREO STRIPE	WS
PHENOMENA	S	BUSY BEE	WS	STIPPLE	WS
SHEEPISH	S	CARMIN	WS	SUJI STRIPE	WS
SHERLOCK	S	CHIC	WS	SURFACE	WS
TATAMI	S	CYBELE	WS	TARTAN	WS
THE BURBS	S	DECKED OUT	WS	TERRA	WS
TABOO	S	DEEPLY ROOTED	WS	THREADS	WS
TRELLIS	S	DEFLECT	WS	TOP COLOR	WS
VESPA	S	DÉJÀ VU	WS	TURTLE NECK	WS
WEST BENGAL	S	DEMETER	WS	TWINE	WS
WONDER WHEEL	S	DOT DOT DOT	WS	URBANIZED	WS
		FRENCH CREPE	WS	WHIM	WS
<b>UPHOLSTERY</b>	<b>CLEANING CODE</b>	FRIENDSHIP BRACELET	WS	WORK HORSE	WS
AMARI	W	FRIEZE	WS		
ASHA	W	GATHER	WS		
AURORA	W	GLAM	WS		
BONNAROO	W	GLITZ	WS		
CHAKRA	W	GRAPH	WS		
CHROMA	W	GRID	WS		
FLEXING MUSCLES	W	GRILL CLOTH	WS		
FORMULA	W	GROOVE	WS		
FRACTURE	W	HAND-WOVEN	WS		
GRASMERE	W	HITCH	WS		
GROUND BREAKING	W	HYPERION	WS		
HERITAGE	W	INTERLACE	WS		
HOLY COW	W	LINE	WS		



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